

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit: 2132

Rhoads et al.

Confirmation No.: 8366

Application No.: 10/656,930

Filed: September 4, 2003

For: DIGITAL AUTHENTICATION WITH  
DIGITAL ANALOG DOCUMENTS

VIA ELECTRONIC FILING

Examiner: V. Perungavoor

Date: August 30, 2007

**INFORMATION DISCLOSURE STATEMENT**

COMMISSIONER FOR PATENTS

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Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of the Foreign Patent Documents and Other References are attached.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of **\$180.00** under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Date: August 30, 2007

Respectfully submitted,

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<b>INFORMATION DISCLOSURE STATEMENT</b>	Docket: P0877	Ser. No. 10/656,930
	Applicant: Rhoads	
	Filed: Sept. 4, 2003	Group: 2132

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	4,590,366	5/20/86	Rothfjell	
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	5,113,445	5/92	Wany	
	5,237,164	8/17/93	Takada	
	5,284,364	2/8/94	Jain	
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	5,436,970	7/25/95	Ray et al.	
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	5,505,494	4/9/96	Belluci et al.	
	5,636,292	6/3/97	Rhoads	
	5,617,119	4/1/97	Briggs et al.	
	5,652,626	7/29/97	Kawakami et al.	
	5,721,788	2/24/98	Powell et al.	
	5,787,186	7/28/98	Schroeder	
	5,799,092	8/25/98	Kristol et al.	
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	6,332,030	12/18/01	Manjunath et al.	
	6,332,031	12/18/01	Rhoads et al.	

Examiner Signature:

Date Considered:

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Filed: Sept. 4, 2003	Group: 2132

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	6,504,941	1/7/03	Wong	
	6,683,966	1/27/04	Tian et al.	
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	6,748,533	6/8/04	Wu	
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Foreign Patent Documents				
Ex'r Initial	Number	Date	Country	Class
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	Kawaguchi et al., "Principle and Applications of BPCS-Steganography," Proc. SPIE Vol. 3528: Multimedia Systems and Applications, 2-4 Nov 1998, pp. 464-473.
	Komatsu et al., "A Proposal on Digital Watermarking in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part I, Vol., 73, No. 5, 1990, pp. 22-23.
	Kundur et al., "Digital Watermarking for Telltale Tamper Proofing and Authentication", IEEE, vol. 87, No. 7, pp. 1167-1180.
	Kundur et al., "Digital Watermarking Using Multiresolution Wavelet Decomposition," Proc. of 1998 IEEE Int. Conf. on Acoustics, Speech and Signal Processing," ICASSP '98, pp. 2969-2972, vol. 5.
	Matsui et al., "Embedding a Signature to Pictures Under Wavelet Transformation," Transactions of the Institute of Electronics Information and Communication Engineers D-II, vol. J79D-II, no. 6, June, 1996, pp. 1017-24.
	Matsui et al., "Use of the Wavelet Transformation to Embed Signatures in Images," Systems and Computers in Japan, January, 1997, Vol. 28, no. 1, pp. 87-94.

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	Szepanski, "A Signal Theoretic Method For Creating Forgery-Proof Documents For Automatic Verification", 1979 Carnahan Conference on Crime Countermeasures, University of Kentucky, Lexington, Kentucky, May 16-18, 1979.
	August 22, 2003, 37 CFR 1.607 Amendment and 37 CFR 1.607 Request for an Interference with a Patent from parent application no. 10/164,899 (copies provided).
	December 12, 2003 Office Action from parent application no. 10/164,899 (copy provided).
	June 11, 2004 Declaration of Garth Zambory and August 30, 2004 Supplemental Declaration of Garth Zambory, each from parent application no. 10/164,899 (copy provided).
	June 11, 2004 Declaration of Bert Shaw, PhD. (with attachments) from parent application no. 10/164,899 (copy provided).
	June 14, 2004 Amendment from parent application no. 10/164,899 (copy provided).
	October 4, 2004 Office Action from parent application no. 10/164,899 (copy provided).
	March 2, 2005 Amendment from parent application no. 10/164,899 (copy provided).
	June 28, 2005 Office Action from parent application no. 10/164,899 (copy provided).
	November 21, 2005 Amendment Accompanying Request for Continued Examination from parent application no. 10/164,899 (copy provided).
	December 9, 2005, Notice of Allowance and Fees Due from parent application no. 10/164,899 (copy provided).

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